

**Map Explanation**

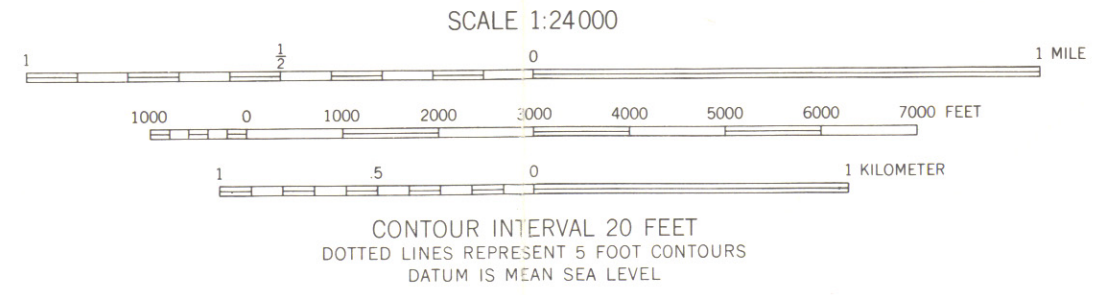
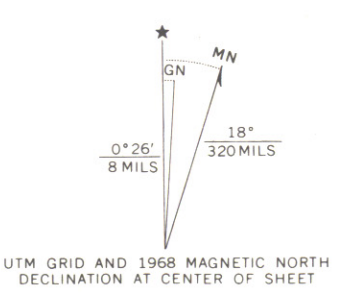
Recently active faults based on work of others (see color key below). Solid line where accurately located, long dash where uncertain (Fox, et al, 1973), short dash where inferred (Helley and Herd, 1977), dotted where concealed; query indicates additional uncertainty. Fault traces of Helley and Herd are plotted from 1:125,000-scale map, thus accuracy of fault traces is about  $\pm 150$  feet. Annotations by Bryant (this report), based on air photo interpretation.

Site investigation showing location, orientation, and length of trench. Trench less than 100 feet long indicated by X. Fault exposed in trench indicated by red line, showing approximate orientation. Faults not necessarily Holocene active (refer to text).

- ② Locality number referred to in text.
- Fault traces mapped by Fox, et al (1973).
- Fault traces mapped by Helley and Herd (1977).
- Fault traces mapped by Herd (in press).

Figure 2c (to FER-129). Recently active faults of the West Napa and Soda Creek (East Napa) fault zones, based on Fox, et al (1973), Helley and Herd (1977), and Herd (in press).

Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and USCE  
Topography from aerial photographs by multiplex methods and by plane-table surveys 1951. Aerial photographs taken 1948  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on California coordinate system, zone 2  
Dashed land lines indicate approximate locations  
Unchecked elevations are shown in brown  
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue  
Revisions shown in purple compiled from aerial photographs taken 1968. This information not field checked



**ROAD CLASSIFICATION**

Medium-duty ——— Light-duty ———  
Unimproved dirt ———  
○ State Route

**YOUNTVILLE, CALIF.**  
NE/4 SONOMA 15' QUADRANGLE  
N3822.5—W12215/7.5

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST